

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	545	(verification and validation and certification) and integrat\$3	USPAT	OR	OFF	2007/05/23 08:07
L2	340	(verification and validation and certification) and integrat\$3 and (two or dual or plurality or multiple or second\$2 ) near3 (cpu or processor or pu or process\$3 )	USPAT	OR	OFF	2007/05/23 08:09
L3	288	(verification and validation and certification) and integrat\$3 and (two or dual or plurality or multiple or second\$2 or sepaarate\$2 ) near3 (cpu or processor or pu or process\$3 ) and (intermediate or IL or parse or tree or symbol or abstract\$2 ) and stor\$3	USPAT	OR	OFF	2007/05/23 08:13
L4	104	(verification and validation and certification) and integrat\$3 near5 test\$3 and (two or dual or plurality or multiple or second\$2 or sepaarate\$2 ) near3 (cpu or processor or pu or process\$3 ) and (intermediate or IL or parse or tree or symbol or abstract\$2 ) and stor\$3	USPAT	OR	OFF	2007/05/23 08:14
L5	85	(verification and validation and certification) and integrat\$3 near5 test\$3 and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) near3 (cpu or processor or pu or process\$3 ) and (intermediate or IL or parse or tree or symbol or abstract\$2 ) and stor\$3 and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) near3 (memory or address or location or stor\$3 )	USPAT	OR	OFF	2007/05/23 08:15

## EAST Search History

L6	84	(verification and validation and certification) and integrat\$3 near5 test\$3 and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) near3 (cpu or processor or pu or process\$3 ) and (intermediate or IL or parse or tree or symbol or abstract\$2 ) and stor\$3 and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) near3 (memory or address or location or stor\$3 ) and compar\$4	USPAT	OR	OFF	2007/05/23 08:29
L7	258	(verification or validation or certification) and (integrat\$3 or emulat\$3 or simulat\$3 ) and test\$3 and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) same (cpu or processor or pu or process\$3 ) and (intermediate or IL or parse or tree or symbol or abstract\$2 ) and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) near3 (memory or address or location or stor\$3 ) and compar\$4 and ("test bench" or benchmark ) and (controller or PLC or PLD or "field device" )	USPAT	OR	OFF	2007/05/23 09:39
L8	210	I7 not I6	USPAT	OR	OFF	2007/05/23 08:34
L9	13	I7 not I6 and (compar\$4 near3 (modification or modified or changed or updat\$2 ) )	USPAT	OR	OFF	2007/05/23 08:35
L10	35	("5963447").URPN.	USPAT	OR	OFF	2007/05/23 08:40
L11	11	("6789054").URPN.	USPAT	OR	OFF	2007/05/23 08:58
L12	17	("4928221"   "4998206"   "5249135"   "5377116"   "5377316"   "5388051"   "5402349"   "5574637"   "5644493"   "5796618"   "5963447"   "6167406"   "6223134"   "6263487").PN. OR ("6442441").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:22

## EAST Search History

L13	47	(verification or validation or certification) and test\$3 and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) same (cpu or processor or pu or process\$3 ) and (intermediate or IL or parse or tree or symbol or abstract\$2 ) and (two or dual or plurality or multiple or second\$2 or separate\$2 or different\$2 ) near3 (memory or address or location or stor\$3 ) and compar\$4 and ("test bench" or benchmark ) and (controller or PLC or PLD or "field device" ) and compar\$4 near3 (two or dual or plurality or multiple or second\$2 or sepaarate\$2 ) and compar\$4 near3 (memory or address or location or stor\$3 )	USPAT	OR	ON	2007/05/23 10:02
L14	0	odem.in.	USPAT	OR	ON	2007/05/23 10:03
L15	1	opem.in.	USPAT	OR	ON	2007/05/23 10:03
L16	13	opem.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:07
L17	2	"5754860".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:07
L18	27	("4819233"   "5255385"   "5317740"   "5317741"   "5361351"   "5428788"   "5432795"   "5495571"   "5560000"   "5590330"   "5668999").PN. OR ("5754860").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 11:19
L19	294	test\$3 and (conformance) same (intermediate or il or ast or abstract )	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 11:22
L20	207	test\$3 and (conformance) same (intermediate or il or ast or abstract ) and compar\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 11:22
S1	243	717/146.ccls.	USPAT	OR	OFF	2007/05/17 07:22
S2	143	717/146.ccls. and compar\$4	USPAT	OR	OFF	2007/05/17 07:22

## EAST Search History

S3	49	717/146.ccls. and (compil\$5 or build\$3 ) near3 differ\$5	USPAT	OR	OFF	2007/05/17 07:23
S4	6	717/146.ccls. and (compil\$5 or build\$3 ) near3 alternat\$3	USPAT	OR	OFF	2007/05/17 07:24
S5	10	717/146.ccls. and (compil\$5 or build\$3 ) and (compar\$4 ) near5 (first and second\$3 )	USPAT	OR	OFF	2007/05/17 07:25
S6	138	717/146.ccls. and (compil\$5 or build\$3 ) and (separate\$2 or different\$2 ) near5 (memory or drive or storage or bit or compil\$5 or process\$3 or cpu or pu)	USPAT	OR	OFF	2007/05/17 07:27
S7	214	717/146.ccls. and (compil\$5 or build\$3 ) and (duplicat\$3 or redundant\$2 or "two or more" or simultaneous\$2 or twice or two )	USPAT	OR	OFF	2007/05/17 07:28
S8	214	717/146.ccls. and (compil\$5 or build\$3 ) and (duplicat\$3 or redundant\$2 or replicat\$3 or "two or more" or simultaneous\$2 or twice or two )	USPAT	OR	OFF	2007/05/17 07:30
S9	14	("4497059" "5193175" "5452461" "5598561" "5630046" "5630056" "5666483" "5754860" "5999734" "6161196" "6415436" "6487577" "6594822" "6625751").pn. "20030200536"	USPAT	OR	OFF	2007/05/17 07:33
S10	30	("4497059" "5193175" "5452461" "5598561" "5630046" "5630056" "5666483" "5754860" "5999734" "6161196" "6415436" "6487577" "6594822" "6625751").pn. "20030200536"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 07:33
S11	15	("5754860").URPN.	USPAT	OR	OFF	2007/05/17 08:00
S12	5	("6223337").URPN.	USPAT	OR	OFF	2007/05/17 08:15
S13	2	("5666483").URPN.	USPAT	OR	OFF	2007/05/17 08:18
S14	68	("5193175").URPN.	USPAT	OR	OFF	2007/05/17 09:24
S15	3035	(duplicat\$4 or redundan\$4 or parallel\$2 or replicat\$3 ) near3 (build\$3 or compil\$5 ) and (differen\$5 or discrepanc\$3 or consisten\$4 or corect\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 09:27

## EAST Search History

S16	615	(duplicat\$4 or redundan\$4 or parallel\$2 or replicat\$3 ) near3 (build\$3 or compil\$5 ) same (differen\$5 or discrepanc\$3 or consisten\$4 or corect\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 09:28
S17	64	717/???.ccls. and (duplicat\$4 or redundan\$4 or parallel\$2 or replicat\$3 ) near3 (build\$3 or compil\$5 ) same (differen\$5 or discrepanc\$3 or consisten\$4 or corect\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 10:18
S18	3	("5822589").URPN.	USPAT	OR	OFF	2007/05/17 10:05
S19	18	("4622633"   "5428791"   "5600789"   "5745689"   "5748961"   "5752034"   "5758160"   "5822589"   "5953530"   "6144967"   "6195795"   "6219802"   "6321376"   "6345322"   "6434628"   "6515967").PN. OR ("6591413").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 10:08
S20	13	714/???.ccls. and (duplicat\$4 or redundan\$4 or parallel\$2 or replicat\$3 ) near3 (build\$3 or compil\$5 ) same (differen\$5 or discrepanc\$3 or consisten\$4 or corect\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 10:19
S21	14	714/???.ccls. and (duplicat\$4 or redundan\$4 or parallel\$2 or replicat\$3 or dual ) near3 (build\$3 or compil\$5 ) same (differen\$5 or discrepanc\$3 or consisten\$4 or corect\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 10:25
S22	31444	(build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 10:54

## EAST Search History

S23	1320	(program\$5 near3 controller) and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 10:30
S24	4	(program\$5 near3 controller) and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 ) and "redundant control system"	USPAT	OR	OFF	2007/05/17 10:30
S25	40	(program\$5 near3 controller) and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 ) and "field device"	USPAT	OR	ON	2007/05/17 10:33
S26	4	(program\$5 near3 controller) and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 ) and "redundant control system"	USPAT	OR	ON	2007/05/17 10:31
S27	549	700/???.ccls. and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 )	USPAT	OR	OFF	2007/05/17 10:55
S28	410	700/???.ccls. and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 ) and (controller or "field device" or "control system" )	USPAT	OR	ON	2007/05/17 10:56

## EAST Search History

S29	103	700/???.ccls. and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 ) and (controller or "field device" or "control system" ) and (dual or redundant\$2 or plurality or "more than one" or "one or more" or "two or more" or duplicate) near3 control\$3	USPAT	OR	ON	2007/05/17 10:58
S30	37	700/???.ccls. and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 ) and (controller or "field device" or "control system" ) and (dual or redundant\$2 or plurality or "more than one" or "one or more" or "two or more" or duplicate) near3 control\$3 and "operating system"	USPAT	OR	ON	2007/05/17 11:10
S31	8	700/???.ccls. and (build\$3 or compil\$5 ) near5 (differen\$5 or discrepanc\$3 or consisten\$4 or correct\$4 or acura\$4 or error or fault or test\$3 or ensur\$4 or compar\$4 or validat\$4 or verify\$3 or verification or assert\$4 ) and (controller or "field device" or "control system" ) and (dual or redundant\$2 or plurality or "more than one" or "one or more" or "two or more" or duplicate) near3 control\$3 and (dual or redundant\$2 or plurality or "more than one" or "one or more" or "two or more" or duplicate or replicat\$3 ) near3 compil\$5	USPAT	OR	ON	2007/05/17 11:04
S32	62	700/???.ccls. and 717/???.ccls.	USPAT	OR	ON	2007/05/17 11:10
S33	3	("6442441").URPN.	USPAT	OR	OFF	2007/05/17 11:33
S34	0	("6898466").URPN.	USPAT	OR	OFF	2007/05/17 11:37
S35	0	("6898466").URPN.	USPAT	OR	OFF	2007/05/17 11:38

## EAST Search History

S36	10	("20020059567"   "20020073094"   "4199814"   "5051676"   "5456691"   "5800473"   "5910895"   "5970243"   "6285948"   "6411858").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 11:38
S37	6	("20030102367"   "20050137727"   "5453933"   "5889672"   "6275741"   "6643555").PN. OR ("7107119").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 11:44
S38	6	("programmable controller" or PLC) and (safety near3 instrument\$5 ) and (build\$3 or generat\$3 or develop\$4 or creat\$3 ) same source	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 11:49
S39	1584	"same" near5 (source or code or program or application ) same (different near3 ( processor or memory or compil\$5 or "intermediate" or build) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 11:54
S40	317	"same" near3 (source or code or program or application ) near5 (different near3 ( processor or memory or compil\$5 or "intermediate" or build) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 11:55
S41	29	"same" near3 (source or code or program or application ) near5 (different near3 ( processor or memory or compil\$5 or "intermediate" or build) ) and (controll34 or plc or sensor or "field device" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 11:59
S42	172	test\$3 and "same" near3 (source or code or program or application ) near5 (different near3 ( processor or memory or compil\$5 or "intermediate" or build) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 12:00
S43	252	(test\$3 or compar\$4 ) and "same" near3 (source or code or program or application ) near5 (different near3 ( processor or memory or compil\$5 or "intermediate" or build) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 12:01



## EAST Search History

S44	498	(test\$3 or compar\$4 ) and "same" near3 (source or code or program or application ) near5 ((different or separate\$2 or second\$3 ) near3 ( processor or memory or compil\$5 or "intermediate" or build) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 12:03
S45	38	(test\$3 or compar\$4 ) and "same" near3 (source or code or program or application ) near5 ((different or separate\$2 or second\$3 ) near3 ( processor or memory or compil\$5 or "intermediate" or build) ) and (controll34 or plc or sensor or "field device" )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 12:22
S46	0	(peter adj wratil).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 12:22
S47	52	(wratil).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 13:10
S48	10	("5359659" "5577253" "5754860" "6071316" "6223337" ).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 12:29
S49	89	compil\$5 near3 correctness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 14:47
S50	42	compil\$5 near3 correctness and ( contol adj (system or program) ) or plc or controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 13:22

## EAST Search History

S51	714	correctness same ( (contol adj (system or program) ) or plc or controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 13:22
S52	9	correctness same ( (contol adj (system or program) ) or plc or controller) and 717/???.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 13:26
S53	255	correctness same ( compil\$5 or build\$3 ) and 717/???.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 13:27
S54	9	correctness same ( compil\$5 or build\$3 ) and 717/???.ccls. and ( crc or "cyclical redundancy" ) and bit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 13:35
S55	61	("IEC 61508") or ("IEC 61131-3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 13:37
S56	6	("5671351" "5761510" "5754860").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 14:50
S57	2	("6201997").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 14:50
S58	9	("6201997").URPN.	USPAT	OR	OFF	2007/05/17 14:52
S59	0	"20060101433" and enabl\$3	USPAT	OR	OFF	2007/05/22 15:21

## EAST Search History

S60	2	"20060101433" and enabl\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/22 15:23
S61	2	"20060101433" and (field or device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:25
S62	0	"20060101433" and (redundant or dual or plurality) near3 (processor or cpu or processing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:27
S63	0	"20060101433" and (redundant or dual or plurality or duplicate ) near3 (processor or cpu or processing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:29
S64	1	"20060101433" and (processor or cpu or processing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:30
S65	1	"20060101433" and (processor or cpu or processing or controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:54
S66	255	(compil\$5 or build\$3 ) same (first near2 (processor or cpu ) ) same (second near2 (processor or cpu))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:15

## EAST Search History

S67	255	(compil\$5 or build\$3 ) same (first near2 (processor or cpu ) ) same (second near2 (processor or cpu))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:17
S68	24	(test\$3 or valid\$5 or revalid\$5 or verify\$3 or verification or check\$3 or correct\$4 or certify\$3 or recertify\$3 or certification or recertification) same (compil\$5 or build\$3 ) same (first near2 (processor or cpu ) ) same (second near2 (processor or cpu)) and (safety or controller or plc or sil or hazard or critical )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:20
S69	12	(test\$3 or valid\$5 or revalid\$5 or verify\$3 or verification or check\$3 or correct\$4 or certify\$3 or recertify\$3 or certification or recertification) same (compil\$5 or build\$3 ) same (first near2 (processor or cpu ) ) same (second near2 (processor or cpu)) and (safety or controller or plc or sil or hazard or critical ) and (intermediate or il or ast or (parse near2 tree) or token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:27
S70	15	(test\$3 or valid\$5 or revalid\$5 or verify\$3 or verification or check\$3 or correct\$4 or certify\$3 or recertify\$3 or certification or recertification) same (compil\$5 or build\$3 ) same (first near2 (processor or cpu or controller or plc ) ) same (second near2 (processor or cpu or controller or plc )) and (safety or controller or plc or sil or hazard or critical ) and (intermediate or il or ast or (parse near2 tree) or token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:36
S71	3	S70 not S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:29

## EAST Search History

S72	16	(test\$3 or valid\$5 or revalid\$5 or verify\$3 or verification or check\$3 or correct\$4 or certify\$3 or recertify\$3 or certification or recertification) same (configuration ) same (first near2 (controller or plc) ) same (second near2 ( controller or plc )) and (safety or controller or plc or sil or hazard or critical ) and (intermediate or il or ast or (parse near2 tree) or token)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:30
S73	16	S72 not S69 not S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:30
S74	725	(test\$3 or valid\$5 or revalid\$5 or verify\$3 or verification or check\$3 or correct\$4 or certify\$3 or recertify\$3 or certification or recertification) same (software or code or configuration or reconfiguration ) same redundant same (controller or plc) and (safety or controller or plc or sil or hazard or critical )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:45
S75	3	(test\$3 or valid\$5 or revalid\$5 or verify\$3 or verification or check\$3 or correct\$4 or certify\$3 or recertify\$3 or certification or recertification) same (software or code or configuration or reconfiguration.) same redundant same (controller or plc) and (safety or controller or plc or sil or hazard or critical ) and "control language"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:11
S76	201	(test\$3 or valid\$5 or revalid\$5 or verify\$3 or verification or check\$3 or correct\$4 or certify\$3 or recertify\$3 or certification or recertification) and (software or code or configuration or reconfiguration ) and redundant and (controller or plc) and (safety or controller or plc or sil or hazard or critical ) and "control language"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:13

## EAST Search History

S77	2018	"control language" and (build\$3 or compil\$5 or intermediate or tree or symbol or abstract\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:31
S78	356	"control language" same (build\$3 or compil\$5 or intermediate or tree or symbol or abstract\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:15
S79	50	"control language" same (build\$3 or compil\$5 or intermediate or tree or symbol or abstract\$3 ) and redundant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:14
S80	112	"control language" same (build\$3 or compil\$5 or intermediate or tree or symbol or abstract\$3 ) same stor\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:17
S81	1	"control language" same (build\$3 or compil\$5 or intermediate or tree or symbol or abstract\$3 ) same ( stor\$3 near5 network )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:16
S82	77	"control language" same (build\$3 or compil\$5 or intermediate or tree or symbol or abstract\$3 ) same stor\$3 and ( distributed or network or san or "logical volumn")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:18
S83	138	"control language" and (build\$3 or compil\$5 or intermediate or tree or symbol or abstract\$3 ) and 717/???. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 17:33